

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| L2 | 6304 | (nozzle\$2) and (feed\$4back) same input | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:56 |
| L3 | 0 | (nozzle\$2) and (feed\$4back) same input same virtual | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:57 |
| L4 | 13 | input same virtual | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:57 |
| L5 | 60034 | input same virtual | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:57 |
| L6 | 0 | input same virtual same nazzle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:58 |
| L7 | 52 | input same virtual same nozzle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:58 |
| L8 | 52 | virtual same input same nozzle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:59 |
| L9 | 0 | virtual same input same nozzle same (air oe liquid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 23:00 |

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| L10 | 21 | virtual same input same nozzle same (air or liquid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 23:00 |
| L11 | 68 | (force adj feedback or hepatic adj feedback or tactile adj feedback) near (air or fluid or liquid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 23:01 |
| S1 | 5210 | (force adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:37 |
| S2 | 873747 | nozzle\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:38 |
| S3 | 1016 | (hemispheric adj shape\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:40 |
| S4 | 494 | (virtual NEAR environment NEAR display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:43 |
| S5 | 11162 | (sound NEAR generation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:45 |
| S6 | 9 | (virtual NEAR object NEAR calculation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 08:58 |
| S7 | 8178 | (sound adj generation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 09:00 |
| S8 | 252 | (virtual adj environment adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 09:01 |
| S10 | 236 | (sound ADJ generation ADJ control) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 09:03 |
| S11 | 5 | (virtual adj object adj calculation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 14:51 |
| S12 | 5210 | (force adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:09 |
| S13 | 873747 | nozzle\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:09 |
| S14 | 153 | S12 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:09 |
| S15 | 1016 | (hemispheric adj shape\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |

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| S16 | 9 | (virtual NEAR object NEAR calculation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |
| S17 | 8178 | (sound adj generation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |
| S18 | 252 | (virtual adj environment adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |
| S19 | 236 | (sound ADJ generation ADJ control) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |
| S20 | 1 | S12 and S13 and S15 and S18 and S17 and S16 and S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:14 |
| S21 | 1 | S14 and S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/29 15:17 |
| S22 | 2310 | (virtual adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:18 |
| S24 | 0 | S14 and S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/12/29 15:18 |
| S25 | 4 | "7093588" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/29 16:50 |
| S26 | 0 | 2004-94307 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/30 10:53 |
| S27 | 8 | "200494307,6301475", "200122499", "2003256105", "2004157677", "2002297310" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/30 10:59 |
| S28 | 2 | "2004157677" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/30 11:02 |
| S29 | 9 | (virtual NEAR object NEAR calculation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 11:12 |
| S30 | 26 | (force adj feedback, hepatic, tactile) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:02 |
| S32 | 15190 | (force adj feedback or hepatic adj feedback or tactile adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 12:04 |
| S33 | 874826 | nozzle\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:08 |
| S34 | 252 | (virtual adj environment adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:08 |

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| S35 | 5229 | (force adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:08 |
| S36 | 1 | S35 and S33 and S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:08 |
| S37 | 153 | S35 and S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/06 12:09 |
| S38 | 190814 | feedback and (air or fluid or liquid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 16:38 |
| S39 | 1992 | feedback near (air or fluid or liquid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 16:39 |
| S40 | 52 | (force adj feedback or hepatic adj feedback or tactile adj feedback) near (air or fluid or liquid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 16:41 |
| S43 | 4603 | 345/156.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 17:00 |
| S44 | 687 | S38 and S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 17:00 |
| S45 | 4 | S40 and S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/06 17:00 |
| S46 | 52 | (force adj feedback or hepatic adj feedback or tactile adj feedback) near (air or fluid or liquid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/07 08:39 |
| S47 | 19 | S46 and "345".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/07 08:39 |
| S48 | 236 | (sound ADJ generation ADJ control) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/08 12:45 |
| S50 | 52 | (force adj feedback or hepatic adj feedback or tactile adj feedback) near (air or fluid or liquid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:01 |
| S51 | 252 | (virtual adj environment adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/08 13:01 |
| S55 | 1 | S48 and S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:02 |
| S56 | 1382 | sound near virtual | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:05 |

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| S57 | 0 | sound\$2 near virtual\$2 near feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:06 |
| S58 | 1479 | sound\$2 near virtual\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:06 |
| S59 | 573449 | feedback | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:06 |
| S60 | 0 | S58 and S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:07 |
| S61 | 175 | S58 and S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:07 |
| S62 | 475794 | (virtual music instrument) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/08 13:16 |
| S64 | 19 | virtual and (sound ADJ generation ADJ control) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/08 13:17 |
| S65 | 16 | "5017770" | USPAT | OR | OFF | 2009/01/08 14:15 |
| S66 | 1634 | game\$2 adj control\$2 | USPAT | OR | OFF | 2009/01/08 15:20 |
| S67 | 188044 | concave or hemispheric | USPAT | OR | OFF | 2009/01/08 15:21 |
| S68 | 58 | S66 and S67 | USPAT | OR | OFF | 2009/01/08 15:21 |
| S73 | 56 | (video game) and S66 and S67 | USPAT | OR | OFF | 2009/01/08 15:29 |
| S74 | 101 | (air near jet near nozzle\$2) and S67 | USPAT | OR | OFF | 2009/01/08 15:36 |
| S75 | 37 | (air near jet near nozzle\$2) and (video game) | USPAT | OR | OFF | 2009/01/08 15:39 |
| S77 | 185535 | concave | USPAT | OR | OFF | 2009/01/08 15:44 |
| S78 | 3077 | hemispheric | USPAT | OR | OFF | 2009/01/08 15:44 |
| S79 | 1725 | hemispheric and (control\$2) | USPAT | OR | OFF | 2009/01/08 15:45 |
| S80 | 0 | hemispheric and controler | USPAT | OR | OFF | 2009/01/08 15:46 |
| S81 | 0 | hemispheric and ("video game controler") | USPAT | OR | OFF | 2009/01/08 15:46 |
| S82 | 0 | hemispheric and ("video game input") | USPAT | OR | OFF | 2009/01/08 15:47 |
| S83 | 44 | ("video game input") | USPAT | OR | OFF | 2009/01/08 15:47 |
| S84 | 2 | S83 and S67 | USPAT | OR | OFF | 2009/01/08 15:49 |

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| S85 | 13 | "6757068" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/09 15:21 |
| S86 | 9837 | 709/203.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/09 16:18 |
| S87 | 5239 | (force adj feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/01/09 16:18 |
| S88 | 23 | S86 and S87 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/09 16:18 |
| S89 | 3 | 2001-022499 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/09 16:30 |
| S90 | 4 | "2001022499" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/09 16:30 |
| S91 | 1 | "10579469" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/07/06 14:32 |
| S92 | 1 | ("200122499").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/07 14:50 |
| S93 | 3 | ("2003256105").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/07 14:51 |
| S94 | 2 | ("2004157677").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/07 14:51 |
| S95 | 45 | SUZUKI -YURI KO.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/13 15:37 |
| S98 | 0 | ((air jet) same nozzle\$2) and (feed\$4back) and (video game) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:49 |

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| S99 | 308 | ((air jet) same nozzle\$2) and (feed\$4back) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:50 |
| S100 | 52 | ((air jet) same nozzle\$2) and (feed\$4back) same input | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/06/02 22:50 |

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